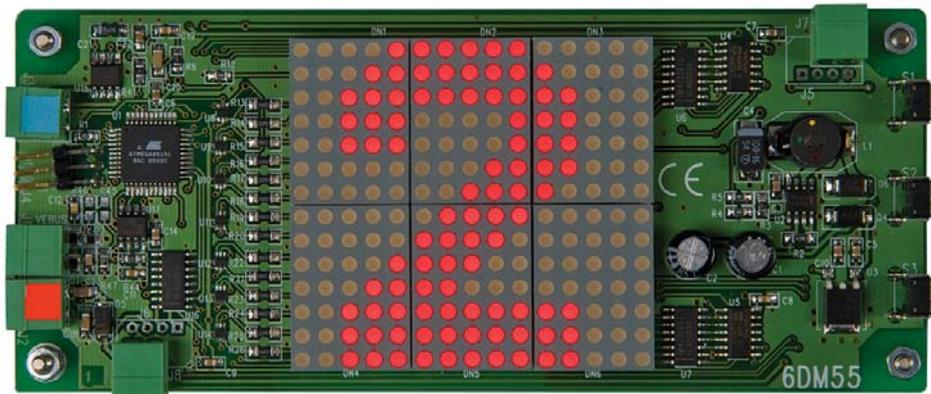


Dot Matrix Display Device for Lifts



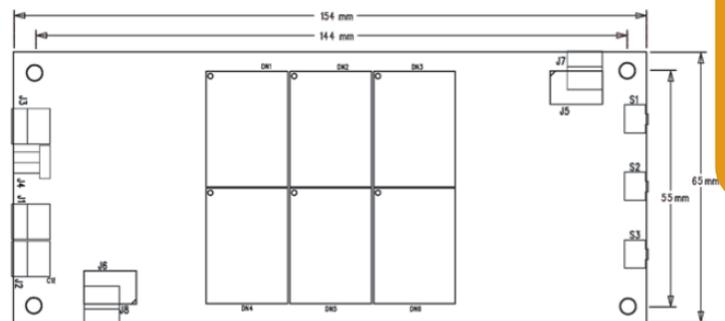
6DM55 is a microcontroller based dot matrix display device for lifts. It can be assembled either to the car or to the level. It can present floor markings, direction arrows and indicators. It accepts wide range of nominal supply voltages, because it is equipped with high efficiency switched mode power supply. 3-tone gong sound generator produces different sound depending on direction. 6DM55 has VEBUS serial interface.

Functional specifications

- Applicable for assembly either to the car or to a level.
- Maximum number of floors is 32
- Presents floor markings, direction arrows and indicators
- Floor mark consists of 2 characters: 0...9, A...Z, space _ - () * + , . / : ;
- Scrolling of arrows can be made automatically. Scrolling time is customer configurable. External activation of arrow scrolling is also possible
- Output connectors for external lanterns
- Audible signaling by a standard gong with different sound depending on direction (upwards 1120Hz, downwards 980Hz and 871Hz)
- Gong volume 30dB adjustment range in 4 steps
- Optionally available with loudspeaker
- VEBUS serial interface offers advanced control possibilities (external control of audible signaling, external activation of arrow scrolling concurrently with indicators, etc)

Visual specifications

- Display resolution: 15 x 14 dots
- Active area is 55 mm x 60 mm
- Viewing angle: min. 60°
- Color: Red on stock, please inquire for special colors

**Electrical connections**

- Operating voltage range, 12...30 VDC (max. 5% ripple voltage)
- Current consumption, 150...75 mA @ 12...24 VDC (without gong)
- Setup copy function interface
- Loudspeaker impedance: 8...32 ohm
- Connectors for external lanterns
- VEBUS serial interface

Configuration

- Device configuration is made by means of displayed menu and 3 push buttons covering configuration of:
 - Gong volume (1...4)
 - Installation position selection (Car/Landing)
 - Input coding (Binary/Gray)
 - Level where gong sounds if in landing-mode (0...31)
 - Scrolling time (1...5)
 - Select IND1 and IND 2 control: arrow scrolling / indicators
 - IND1 indicator symbol
 - IND2 indicator symbol
 - Floor marks

Size and environment

- Physical dimensions are 155 mm x 65 mm x 11 mm (+ additional space for connectors)
- Operation environment: 0...60 °C, RH: <85% (no condensation)
- Not to be used in wet, moist or dusty environment